



**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 1 -- Catchment Information**

Subwatershed: Green Branch

Location of Catchment Centroid on ADC Map: Year: 2001 Page: 15 Grid: H5

State Plane Coordinates of Outfall Location: X: 1393141 Y: 466489

Closest Road Intersection to Outfall: Robert S. Crain Highway and Governors Bridge Road

Outfall SDI ID or Outfall Description: no SDI ID - system drains to stream north of property

Objective: Demonstration / Impairment(s) (Sheet 1) _____

Drainage Area (ac): 6.0 Impervious Area (ac): 4.8

Percent Impervious: 80% Soil Recharge Factor (S): 0.26

WQ_v (required): 0.38 Re_v (required): 0.10

Predominant Land Use: commercial Mean Depth to Ground Water: >=5ft

Sanitary System: Septic Municipal Sewer Water Supply: On Site Well Public Water

Storm Drainage System Within Catchment

Piped: 100% Open Channels: 0%

Area Drained by System: 100%

Location in Catchment: Headwaters Middle Lower All

Open Channel Lining- Vegetation: 0% Riprap: 0% Concrete: 0% Other: 0%

Existing IMP(s) / BMP(s)

SDI ID: _____ Type (number from Sheets 4 & 5): _____ Age: _____

Closest Road Intersection to IMP / BMP: _____

Catchment Area Treated (ac) : _____ Percentage Catchment Treated: _____

WQ_v Provided: YES NO Re_v Provided: YES NO C_p Provided: YES NO

SDI ID: _____ Type (number from Sheets 4 & 5): _____ Age: _____

Closest Road Intersection to IMP / BMP: _____

Catchment Area Treated (ac) : _____ Percentage Catchment Treated: _____

WQ_v Provided: YES NO Re_v Provided: YES NO C_p Provided: YES NO

SDI ID: _____ Type (number from Sheets 4 & 5): _____ Age: _____

Closest Road Intersection to IMP / BMP: _____

Catchment Area Treated (ac) : _____ Percentage Catchment Treated: _____

WQ_v Provided: YES NO Re_v Provided: YES NO C_p Provided: YES NO

UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 1 -- Catchment Information (concluded)

CATCHMENT SUMMARY

WQ_v (provided): _____

Re_v (provided) : _____

Area Treated (ac): _____

Impervious Area Treated (ac): _____

Area Treated (%): _____

Impervious Area Treated (%): _____

Comments

UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS) FORM 2 -- Site Information

Site Name: Home Depot, Bowie Address: 16500 Ballpark Road, Bowie MD, 20716
 Site Owner: Home Depot Development of Maryland, Inc.
 State Plane Coordinates of Site Centroid: X: 1393086 Y: 466186 Date: 4/15/03
 Personnel: PM Weather: sunny, 80F deg
 Area (ac): 5.6 Impervious Area (ac): 4.9
 Percent Impervious: 88% Soil Recharge Factor (S): 0.26
 WQ_v (required): 0.39 Re_v (required): 0.1
 Property Area (ac): 6.3 Property Area Included in Site: 89 %
 Amount of Catchment Occupied by Site: 93 %

Storm Drainage System Within Site

Piped: 100% Open Channels: 0% Area Drained by System: 100%
 Open Channel Lining - Vegetation: 0% Riprap: 0% Concrete: 0% Other: 0%

Existing IMP(s) / BMP(s) (Identified on Page 1, FORM 1, Catchment Information)

SDI ID: _____ Condition: Excellent Good Average Fair Poor
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 SDI ID: _____ Condition: Excellent Good Average Fair Poor

Site Information

Type of Pavement: Bituminous Concrete Gravel Grid Pavers Other _____
 Pavement Condition: Excellent Good Average Fair Poor
 Underdrains can be easily directed to existing storm drains or daylighted: YES NO
 Gutter/Exterior Downspouts Present: YES NO
 Roof Connected Directly to Storm Drain: YES NO
 Roof Drains onto Impervious Surface: YES NO
 Obvious Existing Drainage Problems: Extensive Moderate Average Limited None
 Steep Slopes Present: Extensive Moderate Average Limited None
 Existing Landscaping: Extensive Moderate Average Limited None
 Mature / Specimen Trees: Extensive Moderate Average Limited None
 Area Available for Aboveground BMPs: Extensive Moderate Average Limited None
 Existing Cover of Potential Aboveground BMP Locations: Grass Landscaped Gravel Other Pervious
 Pavement Other Impervious

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 2 -- Site Information (concluded)**

Commercial / Institutional

Islands Present: YES NO

Curb Present Around Island: YES NO

Ground Level of Island Relative to Pavement: Above Equal Below

Island Landscaping: Impervious Bare Earth Gravel Grass Mulch Herbaceous Plants Shrubs
 Trees (<2 in. DBH) Trees (2 - 6 in. DBH) Trees (>6 in. DBH)

Trees have sufficient spacing to allow IMPs YES NO

Parking area that can be directed to potential treatment area with little grading: 95%

| SITE SUMMARY | |
|------------------------------|-------------------------------|
| WQ _v (provided) : | Re _v (provided): |
| Area Treated (ac) : | Impervious Area Treated (ac): |
| Area Treated (%) : | Impervious Area Treated (%): |

Photographs

- | | |
|----------------|--|
| No. <u>608</u> | Description: <u>looking SE to NW (front) side of building across parking lot</u> |
| No. <u>609</u> | Description: <u>looking S to NW (front) side of building across parking lot</u> |
| No. <u>610</u> | Description: <u>looking southeast along northeast side of building</u> |
| No. <u>611</u> | Description: <u>looking southwest along southeast side of building</u> |
| No. <u>613</u> | Description: <u>looking northwest at southeast side of building</u> |
| No. <u>614</u> | Description: <u>looking northeast at northwest side of building</u> |
| No. _____ | Description: _____ |

Comments Scuppers present on front of building.

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 2 -- Site Information**



608



609



610



611



613



614